

**APPENDIX A**

1. (Original) A system for facilitating computerized transactions, the system comprising:

an optically encoded personal information carrier, the carrier comprising a card readable in an optical input/output device, the card comprising optically encoded personal information related to a user, the personal information including an account number;

a processing device comprising an optical input/output device for reading the optically encoded card, and a processor including browsing tools for allowing a user to view and select items and transaction tools for allowing a user to complete a transaction.

2. (Original) The system of claim 1, wherein the personal information comprises one of a credit account number, a debit account number, and a transaction account number.

3. (Original) The system of claim 1, wherein the personal information further comprises billing information and shipping information.

4. (Original) The system of claim 1, wherein the processing device further comprises network interface tools for interfacing the processing device with a plurality of product and service providers over a network.

5. (Original) The system of claim 1, further comprising means for accessing a database to verify credit information.

6. (Original) The system of claim 1, wherein the carrier further comprises optically encoded security information.

7. (Original) The system of claim 6, wherein the processing device comprises security tools for processing the security information.

8. (Original) The system of claim 1, wherein the processing device comprises a product or service providers' point of sale terminal.

9. (Original) The system of claim 1, wherein the processing device comprises a personal computer, a PDA, cell phone, or similar personal computing or communication device.

10. (Original) The system of claim 1, further comprising a securing mechanism on a side of the card in contact with the optical input/output device, the securing mechanism for securing the card in the optical input/output device.

11. (Original) The system of claim 1, further comprising an intermediate support assembly for supporting the card within the optical input/output device, the intermediate support assembly having a securing mechanism for attachment with the optical input/output device.

12. (Original) An optically encoded personal information carrier comprising:  
a card readable in an optical input/output device, the card comprising a plate and a hub around the axis of rotation of the card; and

optically encoded information on the card, the optically encoded information comprising personal information including an account number, installation and/or execution software, security software, browsing tools, and transaction tools for allowing the user to complete a transaction,

wherein when inserted into the optical input/output device, a processing unit associated with the optical input/output device implements the installation and/or execution software, security software, browsing tools and the transaction tools.

13. (Original) The system of claim 12, wherein the personal information comprises at least one of credit account numbers, debit account numbers, and transaction account numbers.

14. (Original) The system of claim 12, wherein the personal information further comprises billing information and shipping information.

15. (Original) The personal information carrier of claim 14, further comprising optically encoded security information.

16. (Original) The personal information carrier of claim 12, further comprising a securing mechanism on a side of the card in contact with the optical input/output device, the securing mechanism for securing the card in the optical input/output device.

17. (Original) The personal information carrier of claim 12, further comprising an intermediate support assembly for supporting the card within the optical input/output device, the intermediate support assembly having a securing mechanism for attachment with the optical input/output device.

18. (Original) An optically encoded personal information carrier comprising:  
a card readable in an optical input/output device, the card comprising a plate and a hub around an axis of rotation of the card; and

optically encoded information on the card, the optically encoded information comprising personal information including an account number,

wherein when the carrier is inserted in a processing device having transaction tools, the user is able to complete a transaction with the optically encoded personal information carrier.

19. (Original) The optically encoded personal information carrier of claim 18, wherein the personal information comprises at least one of a user's credit card account numbers, debit card account numbers, and transaction account numbers.

20. (Original) The optically encoded personal information carrier of claim 18, wherein the personal information comprises billing information and shipping information.

21. (Original) The optically encoded personal information carrier of claim 20, wherein the card further comprises optically encoded security information.

22. (Original) The optically encoded personal information carrier of claim 18, further comprising a securing mechanism on a side of the card in contact with the optical input/output device, the securing mechanism for securing the card in the optical input/output device.

23. (Original) The optically encoded personal information carrier of claim 18, further comprising an intermediate support assembly for supporting the card within the optical input/output device, the intermediate support assembly having a securing mechanism for attachment with the optical input/output device.

24. (Original) An optically encoded information carrier comprising:  
a card readable in a processing device; and  
optically encoded information on the card comprising installation and/or execution software, security software, and browsing tools and/or transaction tools;  
wherein when inserted into the processing device, the installation and/or execution software, security software, and browsing tools and/or transaction tools are implemented to process a transaction upon receipt of required personal information including at least one of an account number and security information.

25. (Original) The optically encoded information carrier of claim 24, wherein at least some of the personal information is stored on the optically encoded card in an alternative location.

26. (Original) The optically encoded information carrier of claim 25, wherein the alternative location comprises at least one of a magnetic stripe and a smart chip.

27. (Original) The optically encoded information carrier of claim 24, wherein at least some of the personal information is input by the user.

28. (Original) The optically encoded information carrier of claim 24, further comprising a securing mechanism on a side of the card in contact with the optical input/output device, the securing mechanism for securing the card in the optical input/output device.

29. (Original) The personal information carrier of claim 24, further comprising an intermediate support assembly for supporting the card within the optical input/output device, the intermediate support assembly having a securing mechanism for attachment with the optical input/output device.

30.-41. (Canceled)

42. (Original) An optically encoded personal information assembly comprising:  
a card readable in an optical input/output device, the card comprising a plate and a hub around an axis of rotation of the card;

optically encoded information on the card, the optically encoded information comprising personal information including an account number; and

an intermediate support assembly positionable in direct contact with the optical input/output device and having a portion for supporting the card.

43. (Original) The optically encoded personal information assembly of claim 42, wherein the optically encoded information comprises browsing tools for allowing a user to view and select items, and transaction tools for allowing the user to complete a transaction.

44. (Original) The optically encoded personal information assembly of claim 43, wherein the optically encoded information further comprises a security mechanism and security tools.

45. (Original) The optically encoded personal information assembly of claim 42,  
further comprising a securing mechanism on the base of the intermediate support assembly.